

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	11	(US-5126688-\$ or US-5955921-\$ or US-5724003-\$ or US-5146180-\$ or US-6169452-\$ or US-5276921-\$ or US-5852491-\$ or US-6593812-\$ or US-6252455-\$ or US-5886572-\$ or US-5144258-\$).did.	USPAT	OR	ON	2007/07/06 12:58
L7	6	6 and ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near3 (threshold or reference))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:33
L8	6	7 and ((linear\$4 or (non adj linear\$4) or "non-linearized" or "non-linear" or "non-linearizing" or "non-linearize") with amplif\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:33
L9	51614	((linear\$4 or (non adj linear\$4) or "non-linearized" or "non-linear" or "non-linearizing" or "non-linearize") with amplif\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:33
L10	257947	((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near3 (threshold or reference))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:34
L11	6660	9 and 10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:34
L12	930	11 and (transfer adj function)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:34
L13	763	12 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:35

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L14	681	13 and (compar\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:35
L15	412	13 and ((compar\$5) near4 (reference or threshold))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:36
L16	109	15 and (pa or (power adj amplif\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:36
S1	51504	amplif\$4 with linear\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 15:00
S2	15543	S1 and (amplif\$4 with (threshold or reference))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 15:00
S3	6643	S1 and ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near3 (threshold or reference))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 12:58
S4	8257	S1 and ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 15:02
S5	2280	S4 and ((amplitude or peak or envelop\$3) near3 (detect\$4 or sens\$4 or calculat\$4 or generat\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 15:09

## EAST Search History

S7	78	S5 and 455/114.3,126,127.1,127.2,127.3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 15:10
S8	52	S7 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 19:35
S10	50	("20040132470" "20050047532" "20050175135" "20050215209" "20060009169" "20060068697" "6937668" "7023897" "7068984" "7072626").PN. ("20040132470").PN. ("4481672" "4491808" "6101224" "6366177" "6445249" "6653909" "6701134" "6701138" "6731694").PN. ("6163210" "6256482").PN. ("20040132470" "20060068697" "5142240" "6072364" "6438360" "6703897").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:00
S11	9	("3900823" "5194823" "5710521").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:12
S13	105	("2298930"   "2705775"   "2708717"   "3241077"   "3274492"   "3486128").PN. OR ("3900823").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:13
S14	88	S13 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:22
S15	342	S5 and "330"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:45

## EAST Search History

S16	253	S15 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:23
S17	215	S16 and (amplif\$4 near4 linear\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:24
S18	101	S17 and ((amplifi\$4 with (threshold or reference)) same ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:45
S19	51504	amplif\$4 with linear\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:45
S20	8257	S19 and ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 19:58
S21	2280	S20 and ((amplitude or peak or envelop\$3) near3 (detect\$4 or sens\$4 or calculat\$4 or generat\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:45
S23	342	S21 and "330"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S24	253	S23 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46

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S25	215	S24 and (amplif\$4 near4 linear\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S26	101	S25 and ((amplifi\$4 with (threshold or reference)) same ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S27	192	S21 and "327"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S28	133	S27 and (amplif\$4 near4 linear\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S29	52	S28 and ((amplifi\$4 with (threshold or reference)) same ((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S30	48	S29 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:46
S31	3	"3363199".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 19:09
S32	4996	327/561-563,50-54,56,58-60,62, 72,73,80,81.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 19:33

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S33	3341	S32 and amplif\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 19:33
S34	2983	S33 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:34
S35	2075	S34 and compar\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 19:57
S36	353	S35 and (((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference)) same compar\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 20:18
S38	46	S36 and ((linear\$4 or (non adj linear\$4) or "non-linearized" or "non-linear" or "non-linearizing" or "non-linearize") with amplif\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 12:59
S39	5	"3900823".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 20:17
S40	105	("2298930"   "2705775"   "2708717"   "3241077"   "3274492"   "3486128").PN. OR ("3900823").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 20:17
S41	88	S40 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020302" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 20:17

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S42	53	S41 and (((linear\$4 or (non adj linear\$4) or "non-linearized" or "non-linear" or "non-linearizing" or "non-linearize") with amplif\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 20:18
S43	1	S42 and (((var\$5 or adjust\$4 or chang\$4 or adapt\$4) near4 (threshold or reference)) same compar\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 20:18
S44	5	("3900823"   "5144258"   "5886572"   "6112062"   "6252455").PN. OR ("6593812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 20:20